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CLAIMS:

1. A transdermal spray formulation comprising:
 - a) a pharmaceutically active agent;
 - b) 0.1% to 2.0% by weight VP/VA copolymer;
 - c) at least 60% by weight of a non-aqueous solvent; and
 - d) optionally a penetration enhancer, which, if present, is present in and amount of 0.01% to 5.0% by weight of the composition
2. A transdermal spray formulation according to claim 1, wherein the pharmaceutically active agent is provided in a therapeutically effective amount.
3. A transdermal spray formulation according to any preceding claim, further comprising an anti-nucleating agent.
4. A transdermal spray formulation according to claim 3, wherein the anti-nucleating agent is a polyvinylpyrrolidone polymer or copolymer.
5. A transdermal spray formulation according to claim 3 or 4, wherein the anti-nucleating agent comprises from about 1% to about 10% by weight of the formulation.
6. A transdermal spray formulation according to any preceding claim, wherein the penetration enhancer is a monohydric alcohol such as ethanol, isopropyl, butyl and benzyl alcohol; a dihydric alcohol such as ethylene glycol, diethylene glycol, propylene glycol, dipropylene glycol or trimethylene glycol; a polyhydric alcohol such as glycerin, sorbitol and polyethylene glycol; a polyethylene glycol ether of an aliphatic alcohol, such as cetyl, lauryl, oleyl and stearyl, including polyoxyethylene (4) lauryl ether, polyoxyethylene (2) oleyl ether, polyoxyethylene (10) oleyl ether or polyoxyethylene alkyl ether; vegetable, animal or fish fats or oil such as olive and castor oils, squalene or

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lanolin; a fatty acid ester such as propyl oleate, decyl oleate, isopropyl palmitate, glycol palmitate, glycol laurate, dodecyl myristate, isopropyl myristate and glycol stearate; a fatty acid alcohol such as oleyl alcohol and derivatives thereof; a fatty acid amide such as oleamide and derivatives thereof; urea and urea derivatives such as allantoin; a polar solvent such as dimethylaurylamide, dodecylpyrrolidone, isosorbitol, salicylic acid, an amino acid; a higher molecular weight aliphatic surfactant such as lauryl sulfate salts or esters of sorbitol and sorbitol anhydride; polysorbates 20, 21, 40, 60, 61, 65, 80, 81, or 85; oleic and linoleic acids, ascorbic acid, panthenol, butylated hydroxytoluene, tocopherol, tocopherol acetate, tocopheryl linoleate, menthol, dimethylisosorbide, glycerylmono-oleate or myristyl lactate.

7. A transdermal spray formulation according to any preceding claim, wherein the penetration enhancer is selected from the group consisting of menthol, dimethylisosorbide, glycerylmono-oleate and myristyl lactate.

8. A transdermal spray formulation according to any preceding claim, wherein the non-aqueous solvent is volatile and evaporates at mammalian skin temperature.

9. A transdermal spray formulation according to any preceding claim, wherein the non-aqueous vehicle is one or more of ethanol, acetone and methylal.

10. A transdermal spray formulation according to any preceding claim, wherein pharmaceutically active agent is one or more of the following classes: anti-inflammatory drugs, analgesics, anti-arthritic drugs, antispasmodics, antidepressants, anti-psychotics, tranquillisers, anti-anxiety drugs, narcotic antagonists, antiparkinsonian agents, cholinergic agonists, chemotherapeutic drugs, immunosuppressive agents, antiviral agents, antibiotic agents, appetite suppressants, anti-emetics, anti-cholinergics, antihistaminics, anti-migraine agents, coronary, cerebral or peripheral vasodilators, hormonal agents,

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contraceptives, anti-thrombotic agents, diuretics, antihypertensive agents, cardiovascular drugs and opioids.

11. A transdermal spray formulation according to any preceding claim, wherein the pharmaceutically active agent is one or more of estradiol, testosterone, oxybutynin, buprenorphine and fentanyl.

12. A transdermal spray formulation according to any preceding claim, wherein the pharmaceutically active agent is estradiol.

13. A transdermal spray formulation according to claim 11 or 12, wherein the estradiol is present in an amount from about 1% to about 5% by weight of the formulation.

14. A transdermal spray formulation according to any preceding claim, wherein the pharmaceutically active agent is testosterone.

15. A transdermal spray formulation according to any preceding claim, wherein the testosterone is present in an amount up to about 16.66% by weight of the formulation.

16. A transdermal spray formulation according to claim 1 for forming a patch on the skin of a subject, wherein the non-aqueous solvent comprises ethanol, methylal or acetone or mixtures thereof; and wherein the optional penetration enhancer, when present, is different to the non-aqueous solvent.

17. A transdermal spray formulation according to claim 16, wherein the non-aqueous solvent comprises ethanol.

18. A method of administering a pharmaceutically active agent, comprising spraying a transdermal formulation according to any one of claims 1 to 17 onto the skin of a subject in need thereof.

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19. A method according to claim 18, wherein the non-aqueous solvent volatilizes upon contact with the skin, forming a film comprising the VP/VA copolymer and the pharmaceutically active agent.

20. A method of forming a pharmaceutically active film comprising spraying a transdermal formulation according to any one of claims 1 to 17 on the skin of a subject in need thereof.

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